

January Superintendents Report

February 11, 2025

I would like to read the amendment from Decembers report that was not read into the record last month.

The business manager finalized corrections to the NYS retirement start dates, implemented a Vacation accrual code for employees hired post-2013, introduced a new EAP program, accurately processed two retroactive payments for the CSEA employees, provided management staff with an online compliance training platform enabling them to fulfill requirements flexibly. The HR contributions The Business Manager has made over the last two years have helped bring the plant up to date and is more transparent for employees and owners alike.

Account clerk continued to perform payroll duties under the Supervision of the Business Manager and maintain our Weekly budget report which has kept all departments on track and within budget all year.

The Laboratory department has been going above and beyond since October 18th when a lab tech left. They have somehow been able to staff our lab seven days a week since. We have a new Lab tech starting Feb. 3rd thankfully.

The Confidential Secretary was very helpful in organizing our hard-copy file and PCRs for the EPA Audit of our IWPP program, processing Monthly billings for our two largest IWPP participants, processing payments from our municipal users.

January 2025 started off with the following numbers:

Average Q = 14.56 MGD, CBOD = 8 mg/L, TSS = 4.6 mg/L, Fecals = 3 MPN, 1.06 inches of precipitation, NH₃ = 0.25 mg/L, Phos = 0.22 mg/L, TN = 2.8 mg/L, Merc = 0.588 ng/L, Chesapeake Bay numbers are 12 month rolling sum for TN = 174,747 lbs. 12 Month Rolling sum for Phos = 18,302 lbs. The Chesapeake Bay limits are TN = 639,261 lbs, and Phos = 106,543 lbs.

Items of Note: The plant water pumps were installed and found to have the wrong thread-pitch on the top shafts. The manufacturer is making new top shafts to be installed on-site. Tentatively scheduled for February 11th.

The Operations department took down and cleaned out all three centrifuges and snaked out the drains for each, as part of a process wide maintenance plan. This will include doing this once per year moving forward.

We need to ask for an advance and permission to send an operator to school. We will be asking the board to give permission as soon as possible from now on as we need to ask that the advance for this operator to be expedited. We want to eliminate the need to ask for expeditions moving forward.

Assistant Superintendent Ronald Warwick and Senior Operator Adam Afify attended the NYWEA conference in NYC and were recognized by NYWEA for The Municipal Achievement Award.

I am not aware of an award of this magnitude having been received by the Binghamton-Johnson City wastewater treatment plant. The fact we were even recognized is evidence we are on the right trajectory. I would personally like to thank all the plant employees for rising to the occasion and making this happen. The plant has never had during my tenure the number of operators as qualified and engaged as it has now. I would also like to acknowledge the support and cooperation we have received from the Board, the City of Binghamton and the Village of Johnson City.

Superintendents Summary Report for 2025																														
	FLOW	Precip	CBOD5			REM	Tot Susp Solids			REM	Settleable Solids			REM	Total Nitrogen			REM	Phosphorous			REM	Ammonia			REM	TKN			REM
	MGD	Inches	In	out	%	In	out	%	In	out	%	In	out	%	In	out	%	In	out	%	In	out	limit	In	out	limit	In	out	limit	
	AVG		18 mg/L				20 mg/L				0.3 mL/L				6.0 mg/L				1.0 mg/L				1800 lbs./Day				11000 lbs/Day			
Jan	14.56	1.06	200	8	96%	193	4.6	98%	11.90	0.10	99%	23.5	2.8	88%	6.44	0.220	97%	13.5	0.25	98%	23.3	1.3	94%							
Feb																														
Mar																														
Apr																														
May																														
Jun																														
Jul																														
Aug																														
Sep																														
Oct																														
Nov																														
Dec																														
		TOT																												
Avg	14.56	1.06	200	8	96%	193	4.6	98%	11.90	0.10	99%	23.5	2.8	88%	6.44	0.220	97%	13.5	0.25	98%	23.3	1.3	94%							
<p style="text-align: center;">With 3 Data points remaining TN = 2.6 mg/L With 3 Data Points Remaining TKN = 1.2 mg/L</p> <p style="text-align: center;">Ammonia limit equates to approx 6 mg/L monthly Avg.(Monitor Only) / TKN limit equates to 38 mg/L Monthly Avg. (Monitor Only) TN limit is 6.0 mg/L From OO1 (New Limit, Was Monitor) REM = Removal % The Permit for TN = Monthly Avg. from Outfall OO1, (Was O1A) Not to Exceed 639,261 lbs. as a Rolling 12 Month Avg. Outfall OO1 includes Flow Through O1B (DN Cell Bypass) (Above 35 MGD) These numbers represent Outfall from OO1</p>																														

Landfill 2025 Summary

Date	Digested	Lime Stab	Solids Total		Bar screen	Grit and Screen		Grease
	Tons	Tons	Tons	Cost	Tons	Tons	Cost	Tons
January	680.33		680.33	\$28,074.50		19.14	\$861.30	
February								
March								
April								
May								
June								
July								
August								
September								
October								
November								
December								
Average	680.33		680.33	\$28,074.50		19.14	\$861.30	
Sub Total	680.33		680.33	\$28,074.50		19.14	\$861.30	
				\$40/Ton			\$45/Ton	

\$28,935.80

Annual Cost to Date

\$420,000 budgeted for 2025 /

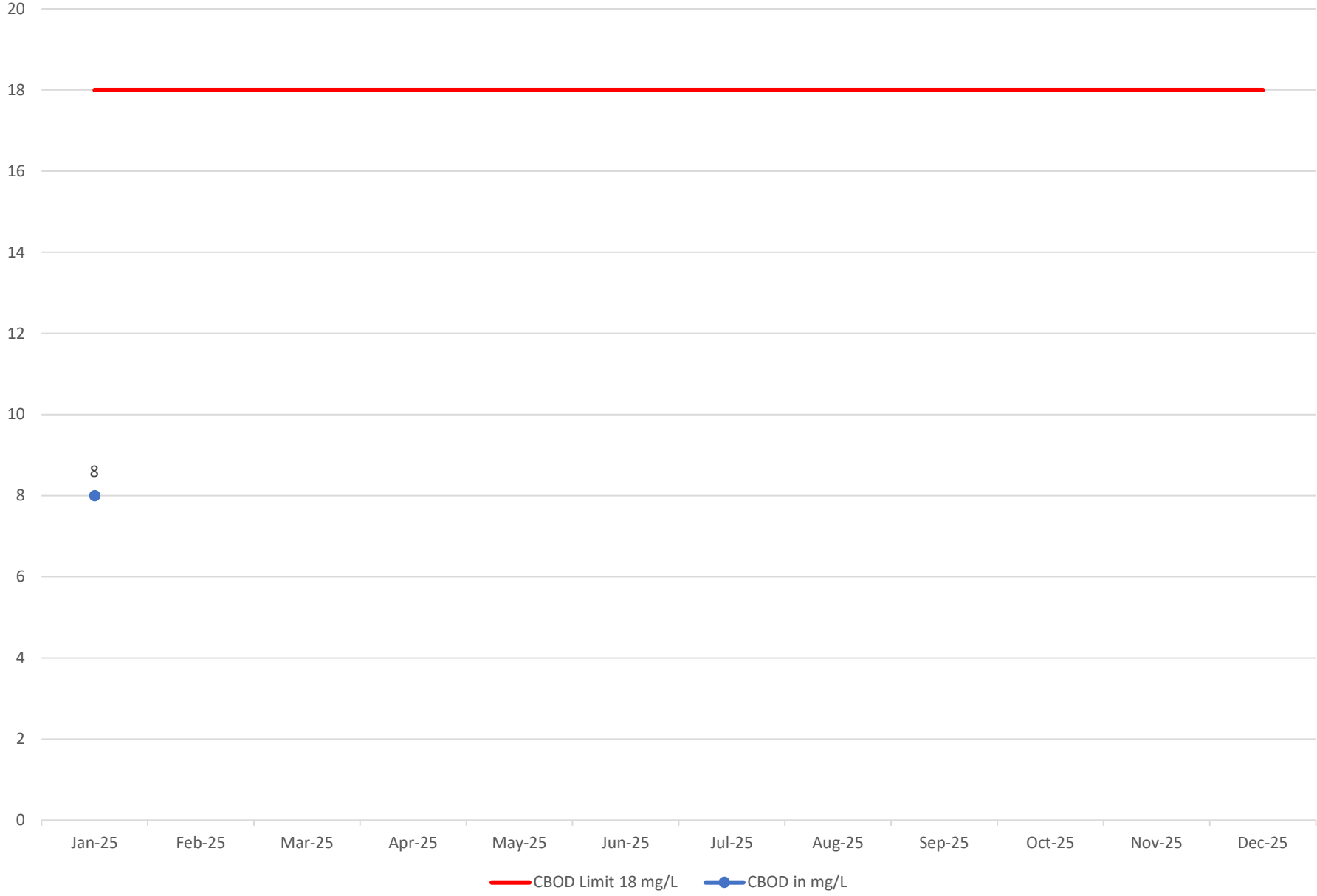
ES8130.54804

2025 Avg Daily Flow

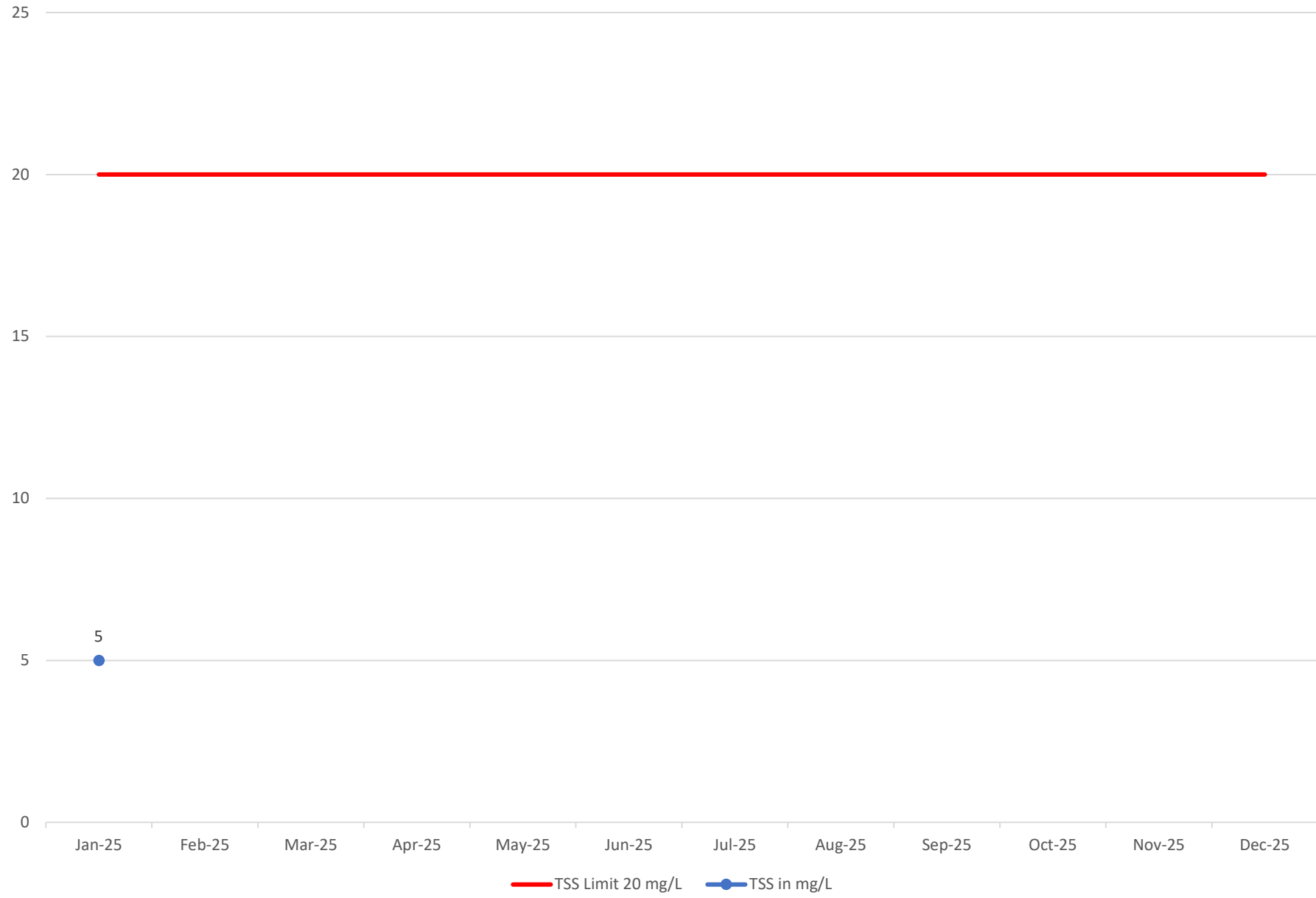


— Limit 60 MGD ●— Daily Avg Flow in MGD

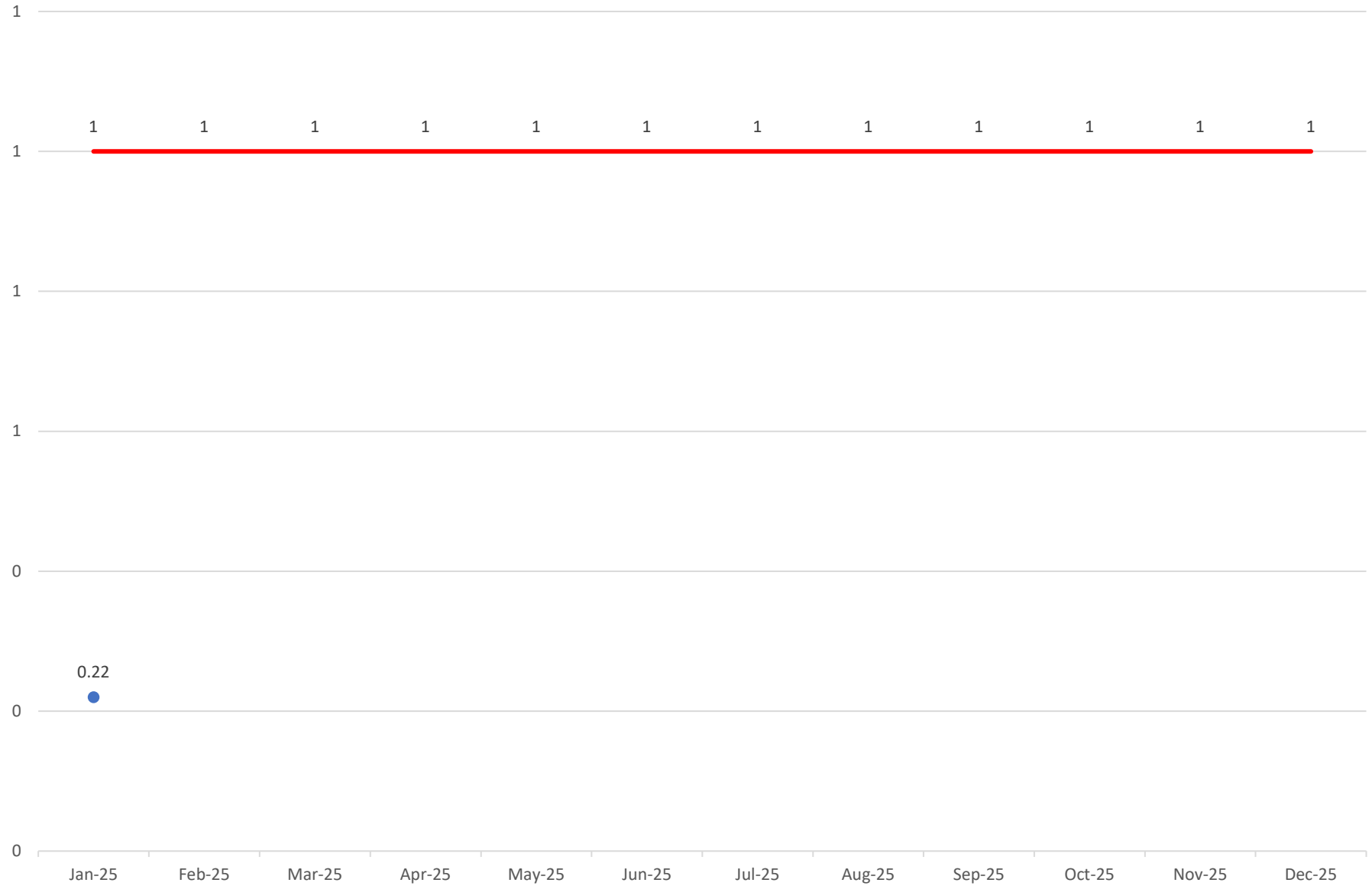
2025 CBOD



2025 TSS



2025 Phos



— Phos Limit 1 mg/L ●— Phos in mg/L

2025 TN

